

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010309.D
 Acq On : 03 Sep 2022 04:33
 Operator : KP/MD
 Sample : N4379-17
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 03 06:13:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

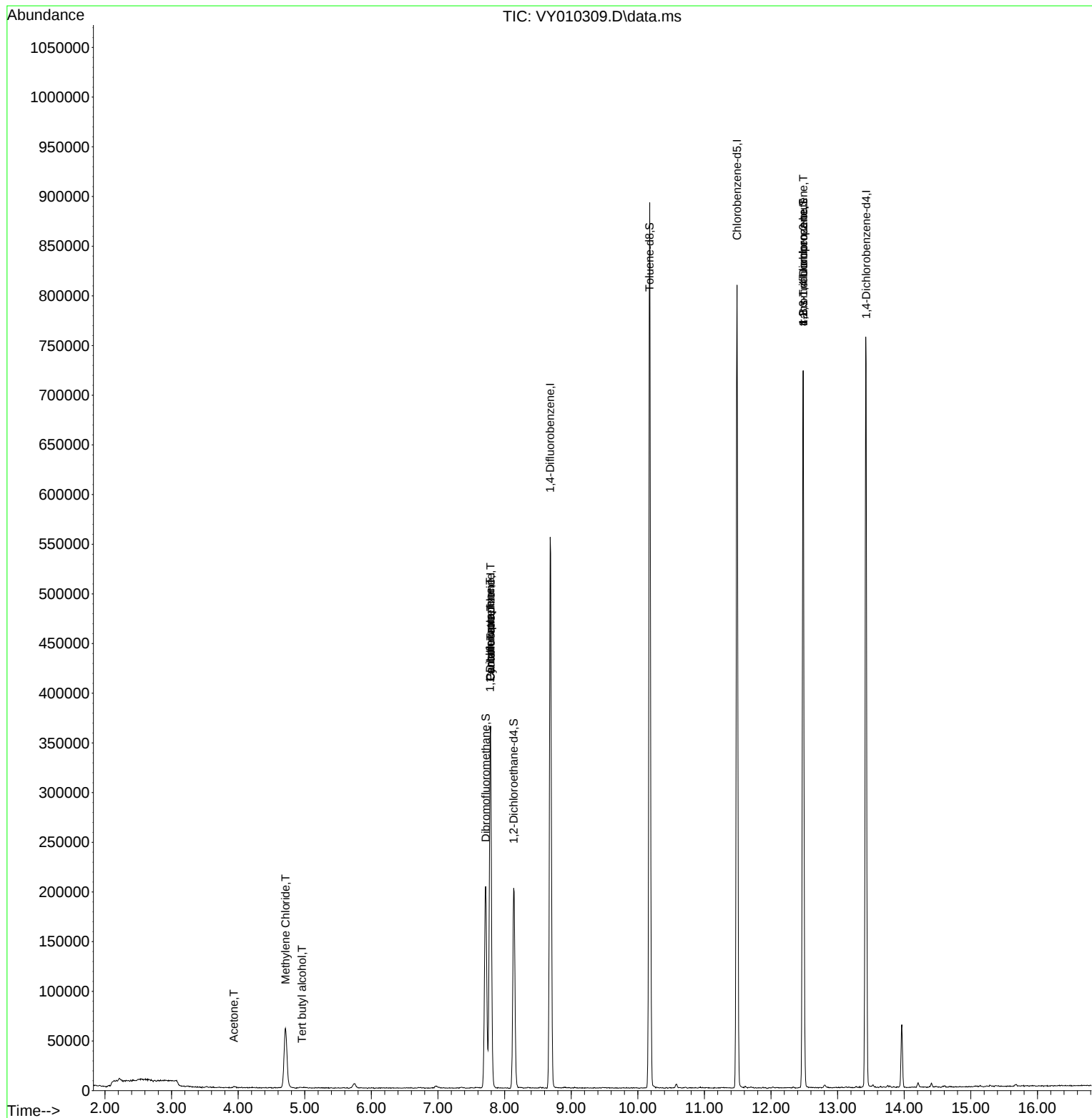
Internal Standards						
1) Pentafluorobenzene	7.789	168	288883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	482144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	446178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	200576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	160440	54.163	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 108.320%		
35) Dibromofluoromethane	7.715	113	146325	45.588	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 91.180%		
50) Toluene-d8	10.178	98	572942	53.316	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 106.640%		
62) 4-Bromofluorobenzene	12.483	95	197570	45.316	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 90.640%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.655	94	574	Below Cal	#	26
11) Tert butyl alcohol	4.960	59	515	1.453	ug/l #	77
16) Acetone	3.936	43	1585	2.140	ug/l	99
20) Methylene Chloride	4.710	84	45967	12.863	ug/l	89
31) Cyclohexane	7.789	56	5819	1.007	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	21055	4.471	ug/l #	50
38) Carbon Tetrachloride	7.789	117	27313	5.628	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	102201	42.817	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	102201	89.321	ug/l #	7

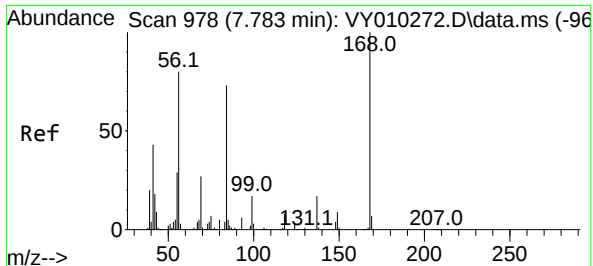
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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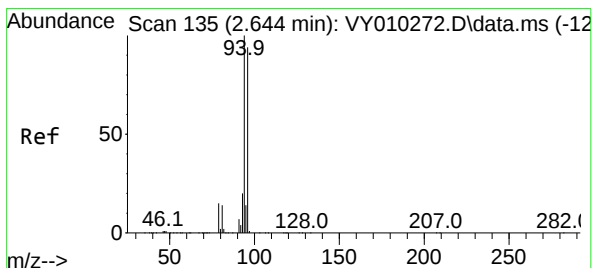
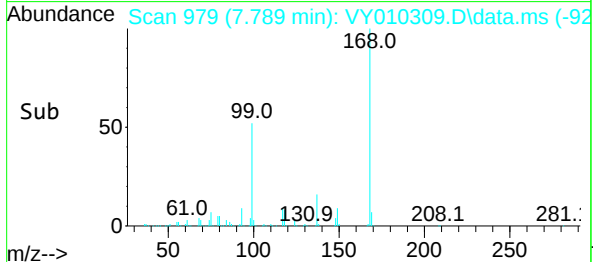
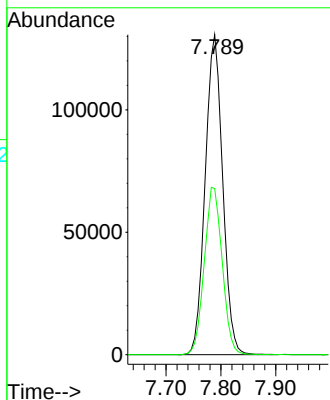
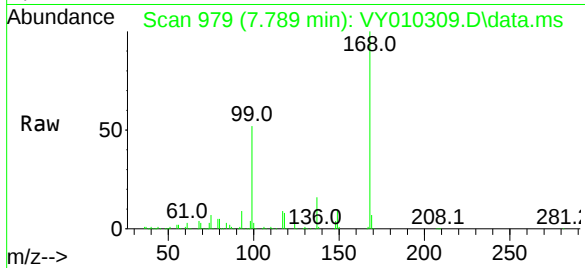




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010309.D
Acq: 03 Sep 2022 04:33

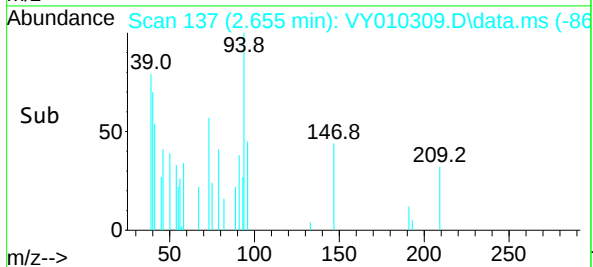
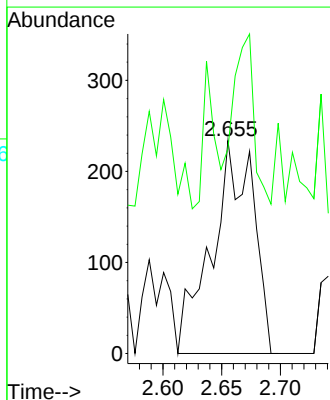
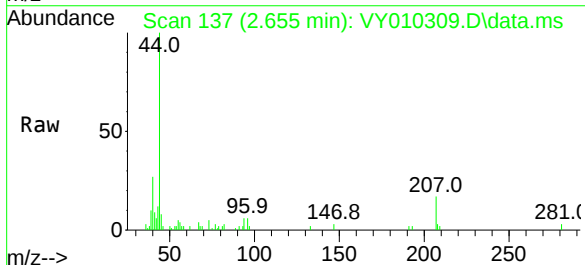
Instrument :
MSVOA_Y
ClientSampleId :

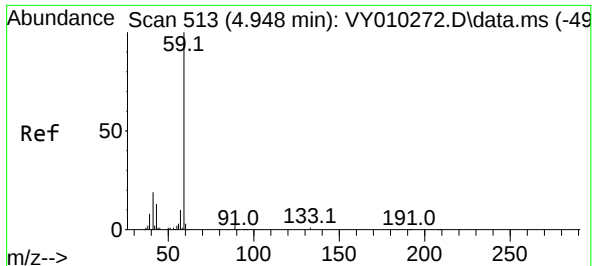
Tgt Ion:168 Resp: 288883
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.655 min Scan# 137
Delta R.T. 0.011 min
Lab File: VY010309.D
Acq: 03 Sep 2022 04:33

Tgt Ion: 94 Resp: 574
Ion Ratio Lower Upper
94 100
96 21.4 73.5 110.3#

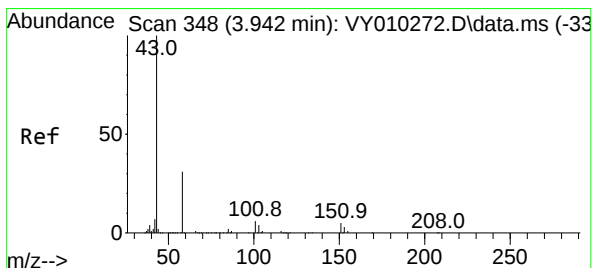
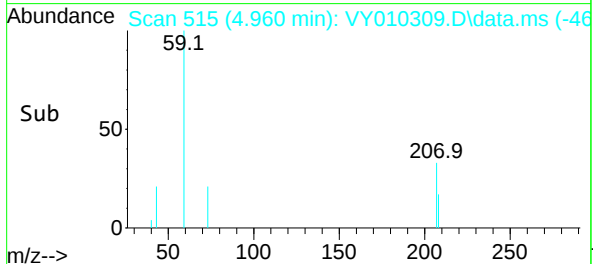
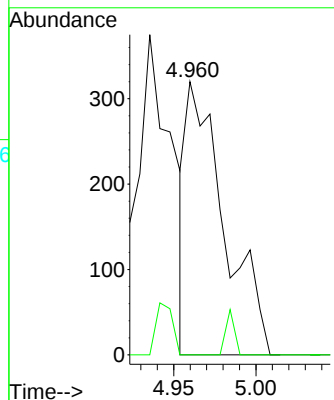
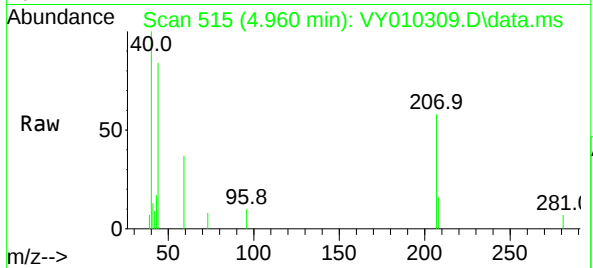




#11
Tert butyl alcohol
Concen: 1.453 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY010309.D
Acq: 03 Sep 2022 04:33

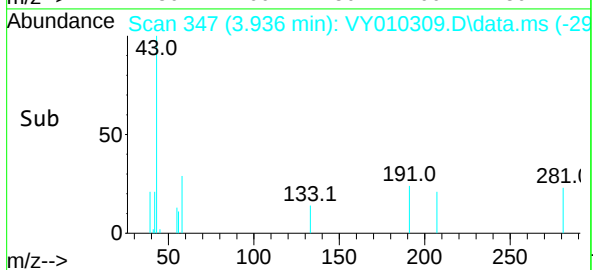
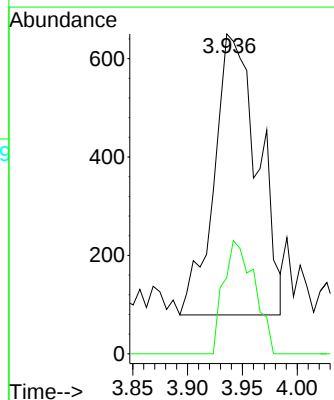
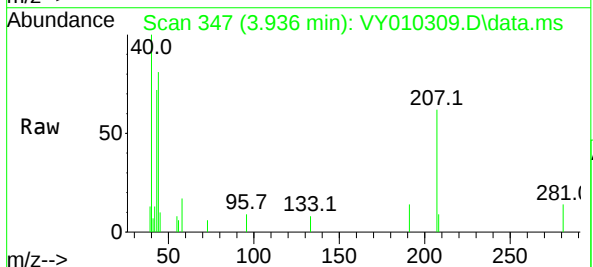
Instrument :
MSVOA_Y
ClientSampleId :

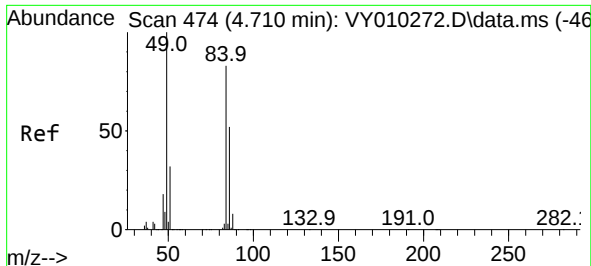
Tgt Ion: 59 Resp: 515
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 2.140 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY010309.D
Acq: 03 Sep 2022 04:33

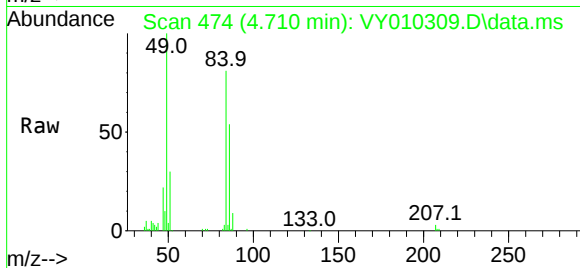
Tgt Ion: 43 Resp: 1585
Ion Ratio Lower Upper
43 100
58 27.1 22.0 33.0





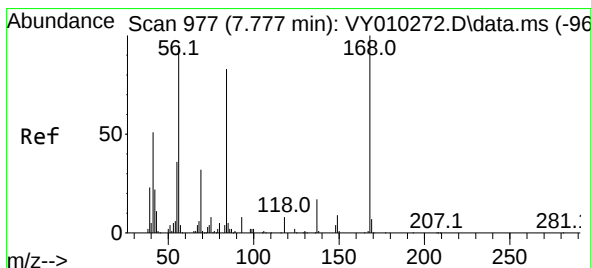
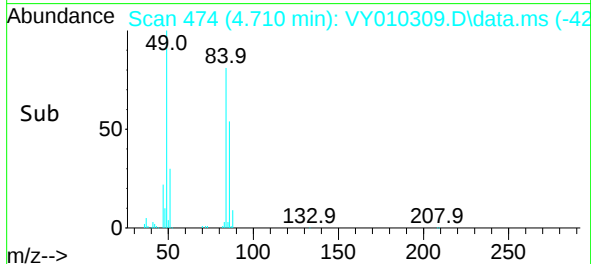
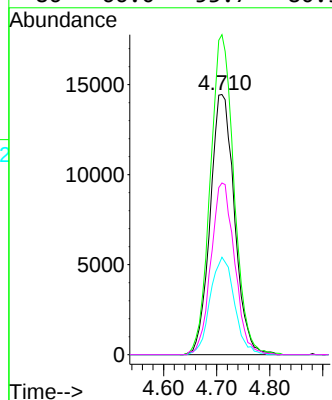
#20
Methylene Chloride
Concen: 12.863 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010309.D
Acq: 03 Sep 2022 04:33

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 45967

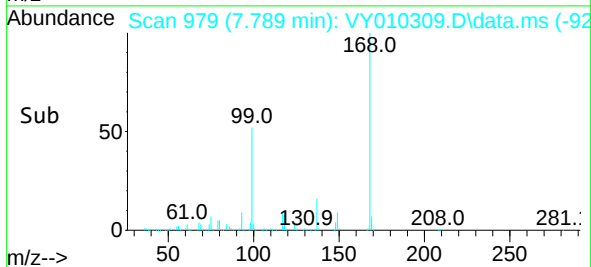
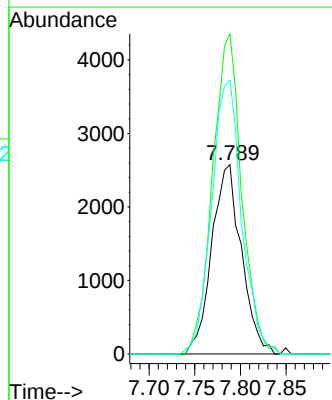
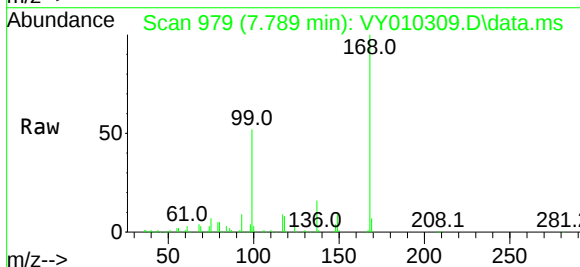
Ion	Ratio	Lower	Upper
84	100		
49	123.0	114.4	171.6
51	37.4	35.3	52.9
86	66.0	53.7	80.5

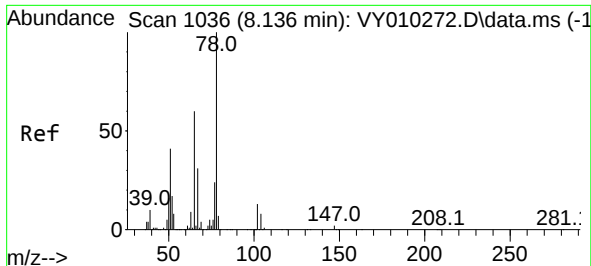


#31
Cyclohexane
Concen: 1.007 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY010309.D
Acq: 03 Sep 2022 04:33

Tgt Ion: 56 Resp: 5819

Ion	Ratio	Lower	Upper
56	100		
69	169.0	26.7	40.1#
84	144.7	67.2	100.8#

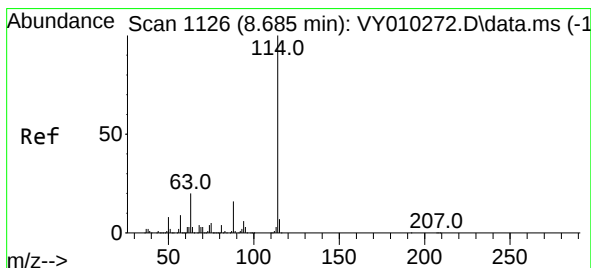
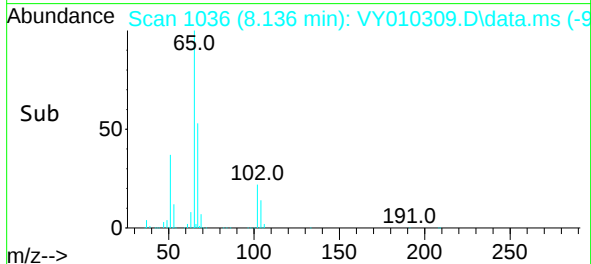
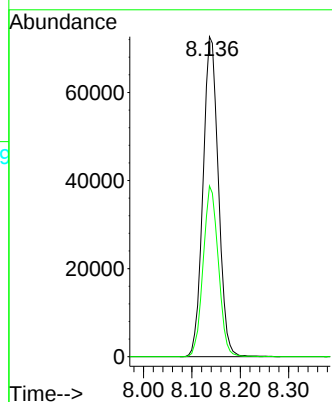
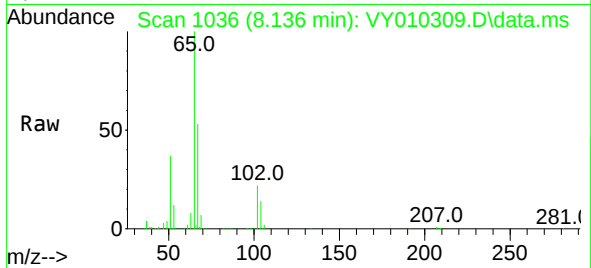




#33
 1,2-Dichloroethane-d4
 Concen: 54.163 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY010309.D
 Acq: 03 Sep 2022 04:33

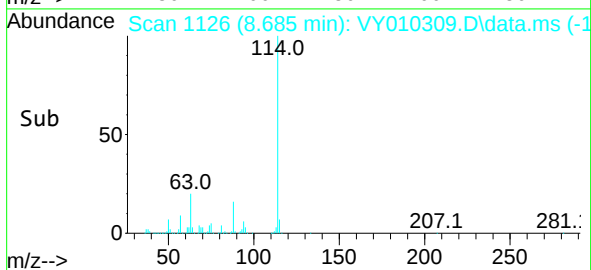
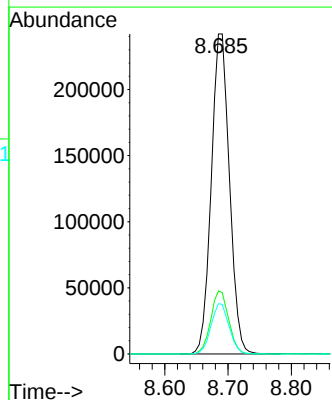
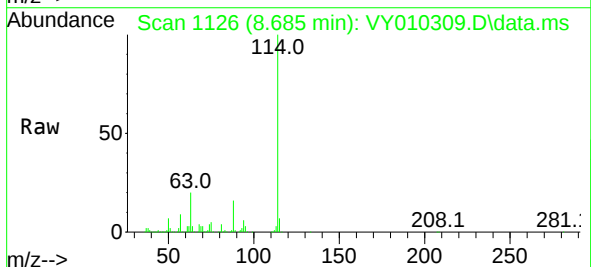
Instrument :
 MSVOA_Y
 ClientSampleId :

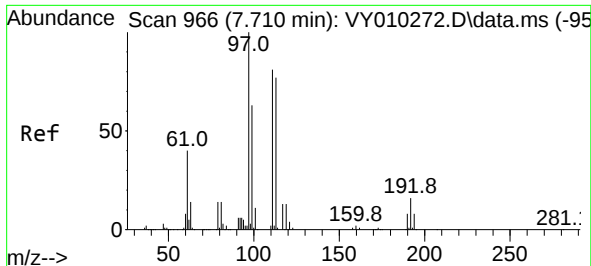
Tgt Ion: 65 Resp: 160440
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY010309.D
 Acq: 03 Sep 2022 04:33

Tgt Ion: 114 Resp: 482144
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 43.2
 88 15.7 0.0 31.8

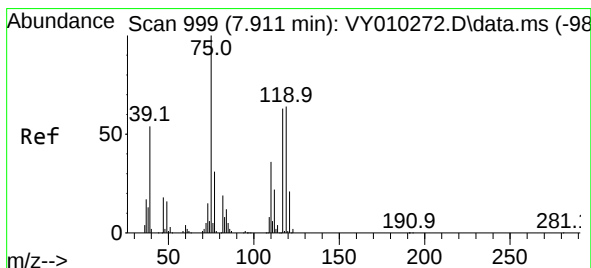
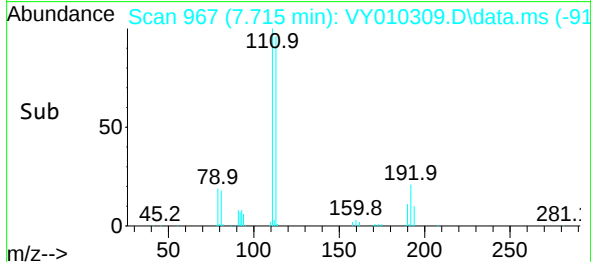
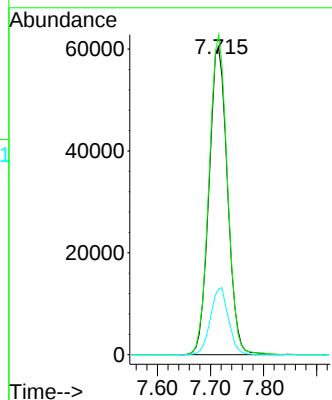
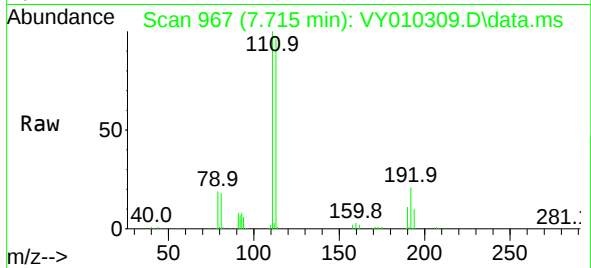




#35
Dibromofluoromethane
Concen: 45.588 ug/l
RT: 7.715 min Scan# 90
Delta R.T. 0.005 min
Lab File: VY010309.D
Acq: 03 Sep 2022 04:33

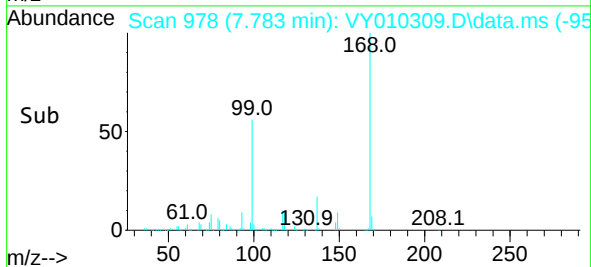
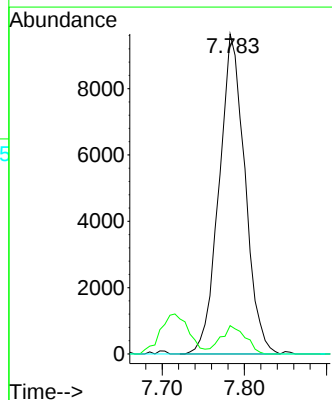
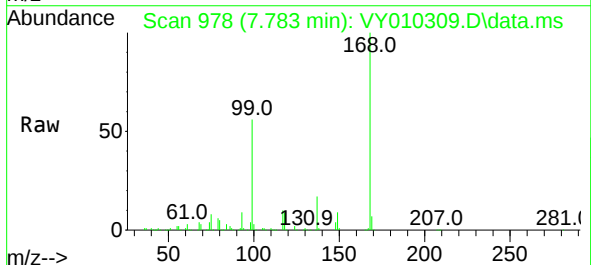
Instrument :
MSVOA_Y
ClientSampleId :

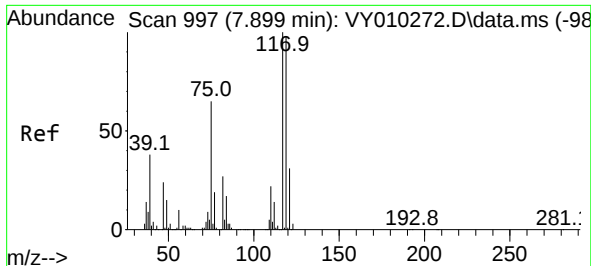
Tgt Ion:113 Resp: 146325
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 21.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.471 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010309.D
Acq: 03 Sep 2022 04:33

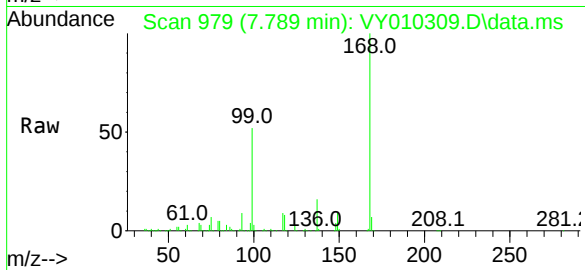
Tgt Ion: 75 Resp: 21055
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#



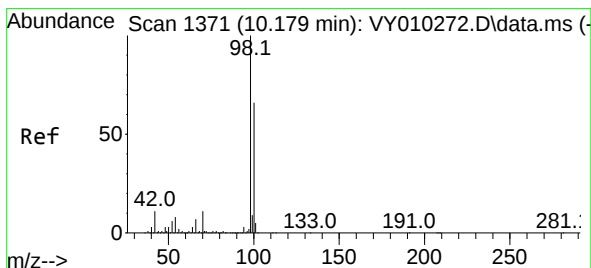
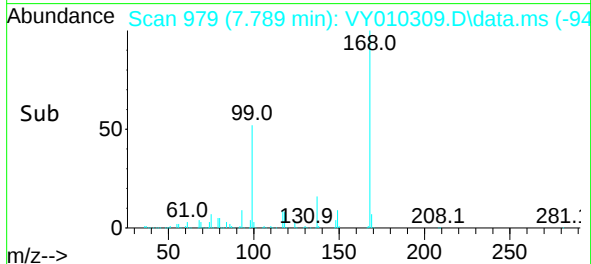
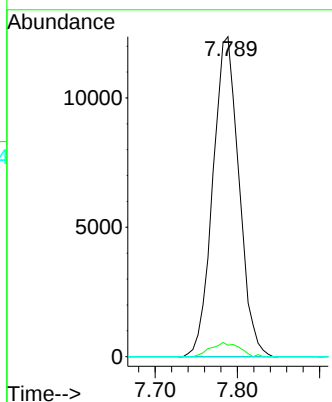


#38
Carbon Tetrachloride
Concen: 5.628 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010309.D
Acq: 03 Sep 2022 04:33

Instrument :
MSVOA_Y
ClientSampleId :

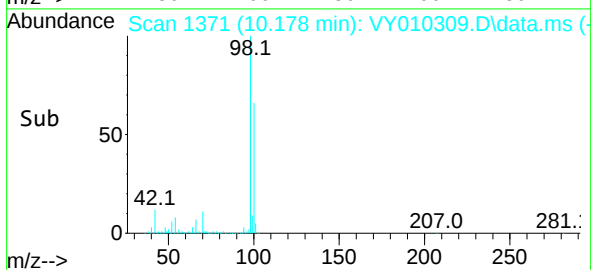
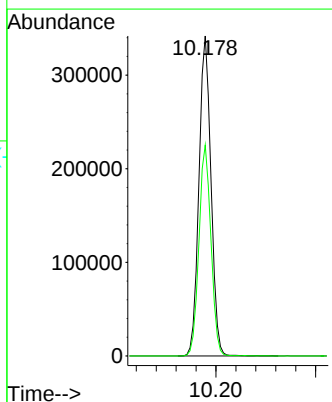
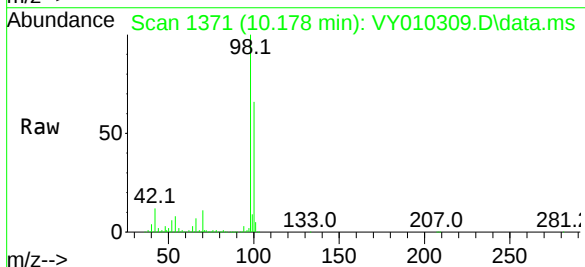


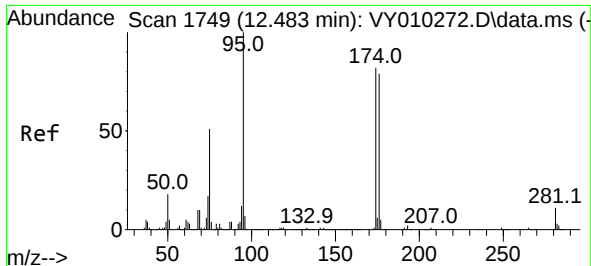
Tgt Ion:117 Resp: 27313
Ion Ratio Lower Upper
117 100
119 3.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.316 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY010309.D
Acq: 03 Sep 2022 04:33

Tgt Ion: 98 Resp: 572942
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

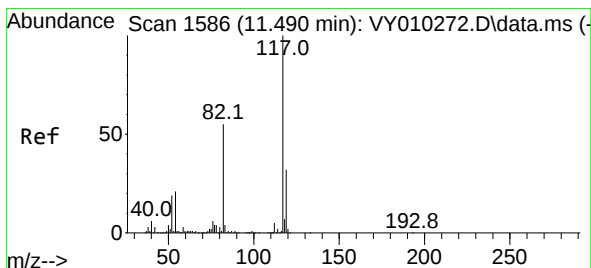
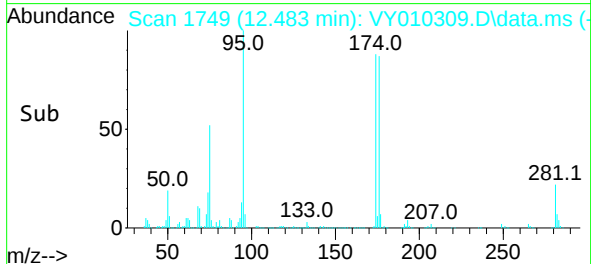
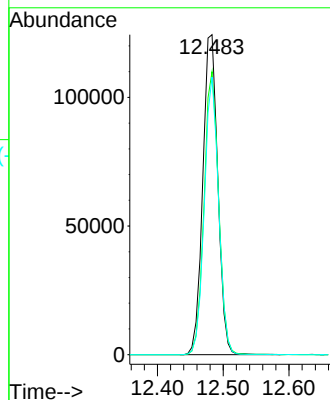
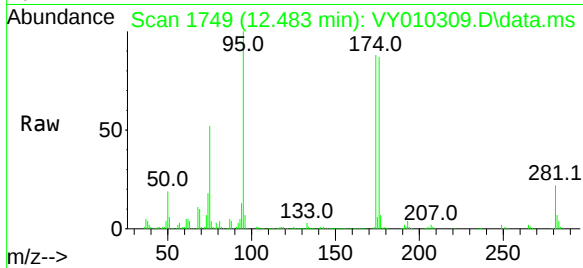




#62
4-Bromofluorobenzene
Concen: 45.316 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY010309.D
Acq: 03 Sep 2022 04:33

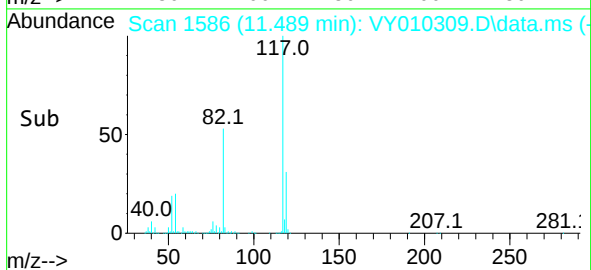
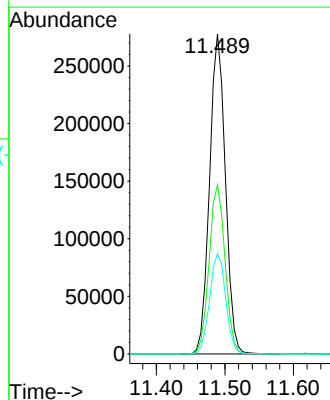
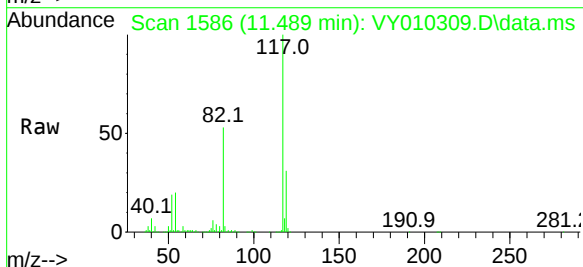
Instrument :
MSVOA_Y
ClientSampleId :

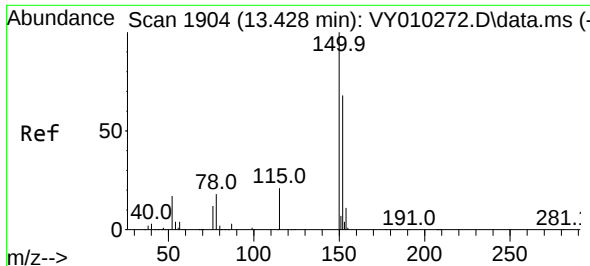
Tgt Ion: 95 Resp: 197570
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 82.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010309.D
Acq: 03 Sep 2022 04:33

Tgt Ion: 117 Resp: 446178
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 31.3 25.4 38.0

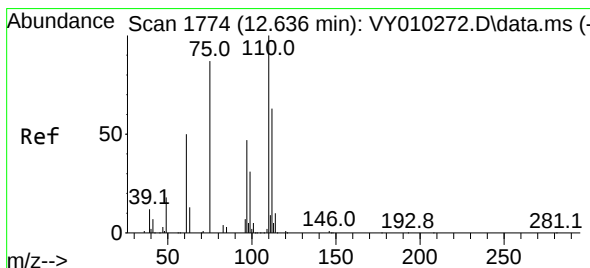
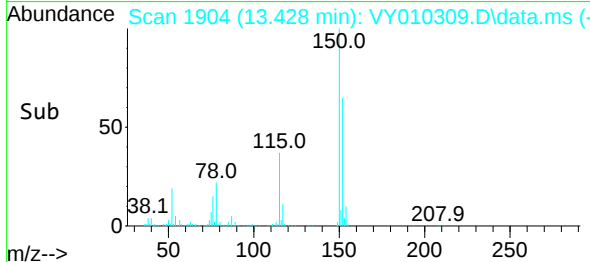
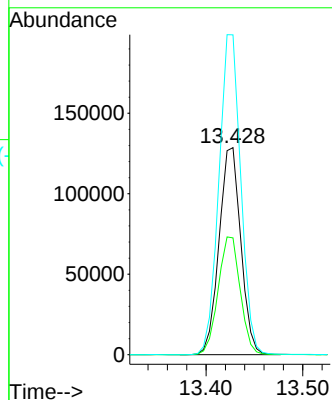
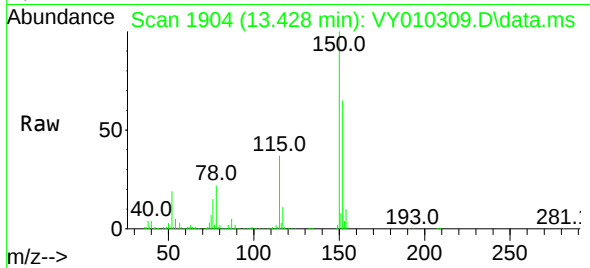




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY010309.D
 Acq: 03 Sep 2022 04:33

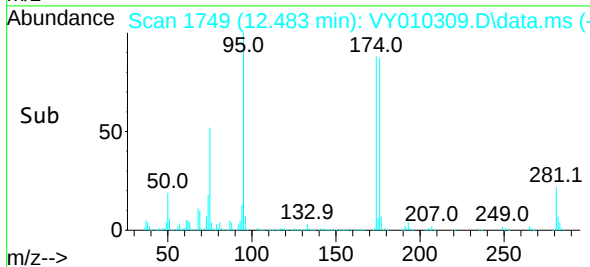
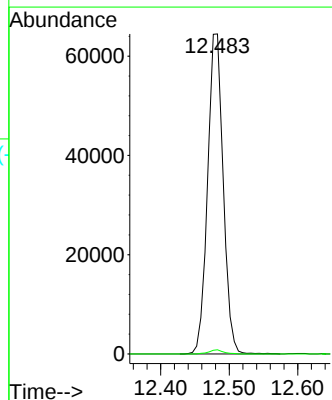
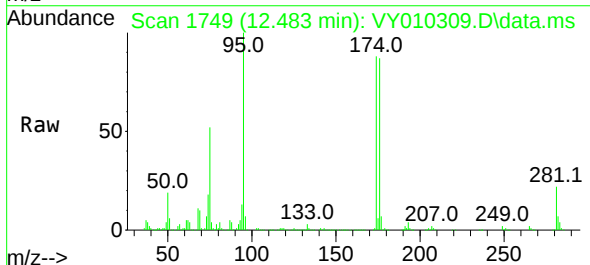
Instrument :
 MSVOA_Y
 ClientSampleId :

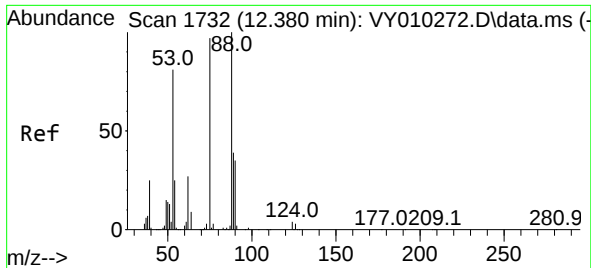
Tgt Ion:152 Resp: 200576
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.2 84.7
 150 155.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 42.817 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY010309.D
 Acq: 03 Sep 2022 04:33

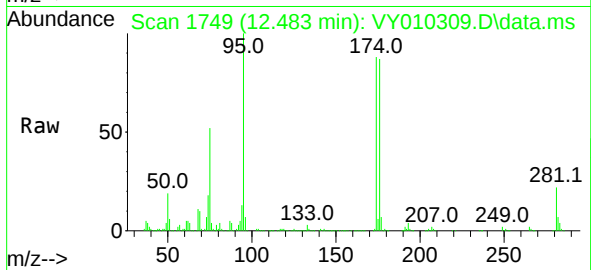
Tgt Ion: 75 Resp: 102201
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 89.321 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY010309.D
Acq: 03 Sep 2022 04:33

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 102201
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.4 37.0 55.4#

